=> d	his
	(FILE 'HOME' ENTERED AT 14:59:36 ON 28 JUL 2005)
T 1	FILE 'REGISTRY' ENTERED AT 15:00:13 ON 28 JUL 2005 E LOTEPREDNOL/CN
L1	2 S E3-E4
L2	FILE 'CAPLUS' ENTERED AT 15:01:26 ON 28 JUL 2005 113 S L1 OR LOTEPREDNOL OR ALREX OR CDDD(W) 5604 OR HGP(W)1 OR LENOX
L3	FILE 'REGISTRY' ENTERED AT 15:03:06 ON 28 JUL 2005 E SALBUTAMOL/CN 1 S E3
L4	FILE 'CAPLUS' ENTERED AT 15:06:15 ON 28 JUL 2005 5206 S L3 OR AH(W)3365 OR AIROMIR OR ALBUTEROL OR EOLENE OR ETINOLI
L5	FILE 'REGISTRY' ENTERED AT 15:08:48 ON 28 JUL 2005 E REPROTEROL/CN 1 S E3
L6	FILE 'CAPLUS' ENTERED AT 15:09:59 ON 28 JUL 2005 169 S L5 OR D(W)1959 OR REPROTEROL
L7	FILE 'REGISTRY' ENTERED AT 15:11:18 ON 28 JUL 2005 E SALMETEROL/CN 1 S E3
L8	FILE 'CAPLUS' ENTERED AT 15:11:49 ON 28 JUL 2005 1025 S L7 OR GR(W)33343X OR SALMETEROL
L9	FILE 'REGISTRY' ENTERED AT 15:12:28 ON 28 JUL 2005 E FORMOTEROL/CN 1 S E3
L10 L11	FILE 'CAPLUS' ENTERED AT 15:13:02 ON 28 JUL 2005 766 S L9 OR EFORMOTEROL OR FORMOTEROL OR OXIS 3 S L2(L)(L4 OR L6 OR L8 OR L10)
	FILE 'EPFULL, FRFULL, GBFULL, PATDPAFULL, PCTFULL, RDISCLOSURE,

151 S L11 clocked L12

FILE 'USPATFULL, USPAT2' ENTERED AT 15:20:08 ON 28 JUL 2005

L13

L14

70 S L11 17 S L13 AND (SZELENYI OR POPPE OR HEER OR ENGEL)

L1 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2005 ACS on STN RN 129260-79-3 REGISTRY

Absolute stereochemistry.

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

CN Androsta-1,4-diene-17-carboxylic acid, 11,17-dihydroxy-3-oxo-, chloromethyl ester, (11 β ,17 α)- (9CI) (CA INDEX NAME) OTHER NAMES:

CN Loteprednol

L1 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2005 ACS on STN RN 82034-46-6 REGISTRY

Absolute stereochemistry.

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

CN Androsta-1,4-diene-17-carboxylic acid, 17-[(ethoxycarbonyl)oxy]-11-hydroxy-3-oxo-, chloromethyl ester, (11 β ,17 α)- (9CI) (CA INDEX NAME) OTHER NAMES:

CN Alrex

CN CDDD 5604

CN HGP 1

CN Lenoxin

CN Lotemax

CN Loteprednol etabonate

CN P 5604

L5 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN RN 54063-54-6 REGISTRY

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

CN 1H-Purine-2,6-dione, 7-[3-[[2-(3,5-dihydroxyphenyl)-2-hydroxyethyl]amino]propyl]-3,7-dihydro-1,3-dimethyl- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN D 1959

CN Reproterol

CN

CN

CN

Ventolin

Volmax

Ventoline

```
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**
     1,3-Benzenedimethanol, \alpha1-[[(1,1-dimethylethyl)amino]methyl]-4-
                       (CA INDEX NAME)
     hydroxy- (9CI)
OTHER CA INDEX NAMES:
     m-Xylene-\alpha, \alpha'-diol, \alpha1-[(tert-butylamino)methyl]-4-
     hydroxy- (8CI)
OTHER NAMES:
      (±)-Albuterol
CN
CN
      (±)-Salbutamol
CN
     \alpha1-tert-Butylaminomethyl-4-hydroxy-m-xylene-\alpha1,\alpha3-diol
CN
     1-(tert-Butylaminomethyl)-4-hydroxy-m-xylene-\alpha1,\alpha3-diol
CN
     2-(tert-Butylamino)-1-[(4-hydroxy-3-hydroxymethyl)phenyl]ethanol
CN
     AH 3365
CN
     Airomir
CN
     Albuterol
CN
     dl-Albuterol
CN
     DL-N-tert-Butyl-2(4-hydroxy-3-hydroxymethylphenyl)2-hydroxyethylamine
CN
     dl-Salbutamol
CN
     Eolene
CN
     Etinoline
CN
     m-Xylene \alpha, \alpha'-diol, \alpha-[(tert-butylamino)methyl]-4-
     hydroxy-
CN
     Proventil HFA
CN
     Proventil Inhaler
CN
     Salbutamol
CN
     Saventol
CN
     Spreor
CN
     Sultanol
CN
     Sultanol N
CN
     Ventalin Inhaler
```

L9 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN RN 73573-87-2 REGISTRY

Relative stereochemistry.

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

CN Formamide, N-[2-hydroxy-5-[(1R)-1-hydroxy-2-[[(1R)-2-(4-methoxyphenyl)-1-methylethyl]amino]ethyl]phenyl]-, rel- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:

CN Formamide, N-[2-hydroxy-5-[1-hydroxy-2-[[2-(4-methoxyphenyl)-1-methylethyl]amino]ethyl]phenyl]-, $(R*,R*)-(\pm)$ -

OTHER NAMES:

CN (±) Formoterol

CN Eformoterol

CN Formamide, N-[2-hydroxy-5-[1-hydroxy-2-[[2-(4-methoxyphenyl)-1-methylethyl]amino]ethyl]phenyl]-, (R*,R*)-

CN Formoterol

CN Oxis

HO HO (CH2)
$$\stackrel{\circ}{6}$$
 (CH2) $\stackrel{\circ}{4}$ Ph

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

CN 1,3-Benzenedimethanol, 4-hydroxy- α 1-[[[6-(4-phenylbutoxy)hexyl]amino]methyl]- (9CI) (CA INDEX NAME) OTHER CA INDEX NAMES:

CN 1,3-Benzenedimethanol, 4-hydroxy- α 1-[[[6-(4-phenylbutoxy)hexyl]amino]methyl]-, (\pm)-OTHER NAMES:

CN GR 33343X
CN Salmeterol

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=> s 12(1)(14 or 16 or 18 or 110)
             3 L2(L)(L4 OR L6 OR L8 OR L10)
=> d ibib 1-3
L11 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2005:346842 CAPLUS
DOCUMENT NUMBER:
                          142:379418
TITLE:
                         Improvements in or relating to aerosol formulations
                          comprising formoterol fumarate dihydrate
INVENTOR(S):
                          Mueller-Walz, Rudi
PATENT ASSIGNEE(S):
                          Jagotec A.-G., Switz.
                          PCT Int: Appl., 23 pp.
SOURCE:
                          CODEN: PIXXD2
DOCUMENT TYPE:
                          Patent
LANGUAGE:
                          English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:
                     KIND DATE
     PATENT NO.
                                            APPLICATION NO.
                         ----
                                              -----
                         A2 20050421 WO 2004-IB3465
A3 20050602
     WO 2005034927
                                                                     20041008
     WO 2005034927
         W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
             CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
             GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
             LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
             NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
         RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,
             SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,
             SN, TD, TG
PRIORITY APPLN. INFO.:
                                              GB 2003-23685 A 20031009
L11 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2005:346830 CAPLUS
DOCUMENT NUMBER:
                         142:397744
TITLE:
                        Aerosol formulations comprising formoterol fumarate
                         dihydrate, ethanol and a steroid
INVENTOR(S):
                        Mueller-Walz, Rudi
                        Jagotec A.-G., Switz.
PATENT ASSIGNEE(S):
SOURCE:
                          PCT Int. Appl., 27 pp.
                          CODEN: PIXXD2
DOCUMENT TYPE:
                          Patent
LANGUAGE:
                          English
FAMILY ACC. NUM. COUNT: 1
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PATENT INFORMATION:

	•																
PAT	CENT	NO.			KIN	D	DATE		;	APPL	ICAT	ION	NO.		D	ATE	
WO	WO 2005034911			A1 20050421			WO 2004-IB3481				20041008						
	W:	ΑE,	AG,	AL,	AM,	ΑT,	AU,	AZ,	BA,	BB,	BG,	BR,	BW,	BY,	BZ,	CA,	CH,
		CN,	co;	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	EG,	ES,	FI,	GB,	GD,
		GE,	GH,	GM,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	KE,	KG,	ΚP,	KR,	KZ,	LC,
		LK,	LR,	LS,	LT,	LU,	LV,	MA,	MD,	MG,	MK,	MN,	MW,	MX,	MZ,	NA,	NI,
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		ТJ,	TM,	TN,	TR,	TT,	TZ,	UA,	UG,	US,	UZ,	VC,	VN,	YU,	ZA,	ZM,	ZW
	RW:	BW,	GH,	GM,	KE,	LS,	MW,	MZ,	NA,	SD,	SL,	SZ,	TZ,	ŬĠ,	ZM,	ZW,	AM,
		AZ,	BY,	KG,	ΚZ,	MD,	RU,	ТJ,	TM,	AT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,
		EE,	ES,	FI,	FR,	GB,	GR,	HU,	ΙE,	IT,	LU,	MC,	NL,	PL,	PT,	RO,	SE,
		SI,	SK,	TR,	BF,	ВĴ,	CF,	CG,	CI,	CM,	GA,	GN,	GQ,	GW,	ML,	MR,	NE,
		SN,	TD,	TG													

PRIORITY APPLN. INFO.: A 20031009 GB 2003-23684 REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT L11 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN ACCESSION NUMBER: 2001:247172 CAPLUS DOCUMENT NUMBER: 134:256899 Combination of loteprednol and $\beta2$ -adrenoceptor TITLE: agonists for the treatment of allergies and respiratory tract diseases INVENTOR(S): Szelenyi, Istvan; Poppe, Hildegard; Heer, Sabine; Engel, Juergen PATENT ASSIGNEE(S): Asta Medica Ag, Germany PCT Int. Appl., 16 pp. SOURCE: JONN PCT CODEN: PIXXD2 DOCUMENT TYPE: Patent LANGUAGE: German FAMILY ACC. NUM. COUNT: PATENT INFORMATION: PATENT NO. KIND DATE APPLICATION NO. DATE --------------_ _ _ _ _ _ _ _ _ _ _ _ _ _ WO 2001022956 A2 20010405 WO 2000-EP9392 20000926 WO 2001022956 **A3** 20011011 W: AU, BG, BR, BY, CA, CN, CZ, DZ, EE, GE, HR, HU, ID, IL, IN, IS, JP, KG, KR, KZ, LT, LV, MK, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TR, UA, US, UZ, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM Priority document RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE DE 1999-19947235 DE 19947235 A1 20010405 19990930 CA 2389111 AA 20010405 -CA 2000-2389111 20000926 AU 2000079074 **A5** 20010430 AU 2000-79074 20000926 BR 2000014374 Α 20020625 BR 2000-14374 20000926 EP 2000-969304 EP 1216047 A2 20020626 20000926 AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL

JP 2001-526168

DE 1999-19947235

WO 2000-EP9392

EE 2002-163

20000926

20000926

A 19990930

W 20000926

JP 2003510276

EE 200200163

PRIORITY APPLN. INFO.:

T2

Α

20030318

20030415

L13 ANSWER 41 OF 70 USPATFULL on STN

ACCESSION NUMBER: 2002:262040 USPATFULL

TITLE: Medical aerosol formulations

INVENTOR(S): Keller, Manfred, Bad Krozingen, GERMANY, FEDERAL

REPUBLIC OF

Herzog, Kurt, Basel, SWITZERLAND

PATENT ASSIGNEE(S): Jago Research AG, Muttenz, SWITZERLAND (non-U.S.

corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 6461591	B1	20021008	•
APPLICATION INFO.:	WO 9834595 US 1999-355883		19980813 19990804	(9)
	WO 1998-CH37		19980202 19990804	PCT 371 date

NUMBER DATE

PRIORITY INFORMATION: CH 1997-248 19970205

DOCUMENT TYPE: Utility FILE SEGMENT: GRANTED

PRIMARY EXAMINER: Dees, Jose' G. ASSISTANT EXAMINER: Choi, Frank

LEGAL REPRESENTATIVE: Selitto, Behr & Kim

NUMBER OF CLAIMS: 18 EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 12 Drawing Figure(s); 6 Drawing Page(s)

LINE COUNT: 932

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

DETD beta-mimetics such as salbutamol, formoterol, salmeterol, fenoterol, clenbuterol, terbutaline, bambuterol, broxaterol, epinephrine, isoprenaline, orciprenaline, hexoprenaline, tulobuterol, reproterol, bamethan etc.,

DETD corticoids such as beclomethasone, betamethasone, ciclomethasone, dexamethasone, triamcinolone, budesonide, butixocort, ciclesonide, fluticasone, flunisolide, icomethasone, mometasone, tixocortol, loteprednol etc.,

DETD 2.25 g of micronized ipratropium bromide and 11.25 g of micronized salbutamol are weighed into a pressure addition vessel. After sealing and evacuation thereof, 10.5 kg of HFA 227 which has previously.

DETD 4.5 g of micronized oxitropium bromide and 0.675 g of micronized formoterol fumarate are weighed into a pressure addition vessel.

After sealing and evacuation thereof, 10.5 kg of HFA 227 which has.

DETD . . . solution is mixed with 7.3 kg of HFA 227. The mixture obtained is added to 9.4 g of initially introduced **salbutamol** sulphate and adequately homogenized. After conclusion of the homogenization, the mixture is diluted with 2 kg of HFA 227 which. . .

CLM What is claimed is:

. aerosol formulation according to claim 1, wherein the pharmaceutically active compound is a beta-mimetic selected from the group consisting of salbutamol, formoterol, salmeterol, fenoterol, clenbuterol, terbutaline, bambuterol, broxaterol, epinephrine, isoprenaline, orciprenaline, hexoprenaline, tulobuterol, reproterol, bamethan, and pharmaceutically acceptable salts thereof.

corticoid selected from the group consisting of beclomethasone, betamethasone, ciclomethasone, dexamethasone, triamcinolone, budesonide, butixocort, ciclesonide, fluticasone, flunisolide, icomethasone, mometasone, tixocortol, loteprednol, and pharmaceutically acceptable salts thereof.

. does inhaler according to claim 10, wherein the pharmaceutically active compound is a beta-mimetic selected from the group consisting of

salbutamol, formoterol, salmoterol, fenoterol,
clenbuterol, terbutaline, bambuterol, broxaterol, epinephrine,
isoprenaline, orciprenaline, hexoprenaline, tulobuterol,
reproterol, bamethan, and pharmaceutically acceptable salts
thereof.

. corticoid selected from the group consisting of beclomethasone, betamethasone, ciclomethasone, dexamethasone, triamcinolone, budesonide, butixocort, ciclesonide, fluticasone, flunisolide, icomethasone, mometasone, tixocortol, loteprednol, and pharmaceutically acceptable salts thereof.